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## SCIENTIFIC NEWS.

FOR many years Canon A. M. Norman has been a diligent student of the marine invertebrates of northern seas, and as a result has accumulated collections rich in types of his own and his collaborator's new species. These have now been purchased by the British Museum.

Prof. Michael Foster will be president of the British Association at the meeting at Dover in 1899.

Dr. W. McM. Woodworth has gone to the Samoan Islands in the interest of the Museum of Comparative Zoology.

The anthropological expedition, under charge of Prof. Alfred C. Haddon, has reached Murray Island, where a laboratory has been established in the same building which Dr. Haddon occupied during his previous visit to the island.

The United States Fish Commission has rediscovered a school of the valuable and interesting tile fish about seventy miles south of Martha's Vineyard.

Sir William Flower has resigned the directorship of the British Museum (Natural History) on the grounds of ill-health.

The British government is establishing a botanic garden and experiment station in Uganda under the direction of Mr. Alexander Whyte.

A striking commentary upon the demand for agricultural education is furnished by the enrollment last year in the State University of the agricultural state of Nebraska. Out of a total enrollment of 1915 there were 36 in the agricultural and mechanical school.

Dr. A. Möller, of Eberswald, Prussia, is engaged on a life of Fritz Müller, and desires letters, etc., which will aid in the preparation of his memoir.

John P. Marshall, professor of geology in Tufts College since its foundation (1855), has been made professor emeritus.

Mr. R. D. Lacoe, of Pittston, Pa., has added to his gifts to the National Museum the fossil insects in his collection, amounting to many thousand specimens.

At the annual meeting of the Marine Biological Laboratory at Woods Holl, August 9, the following trustees were elected to serve for four years: E. G. Conklin, Camillus G. Kidder, Maynard M. Metcalf, William Patten, D. P. Penhallow, and W. B. Scott. The other trustees hold over. The officers elected were: Henry F. Osborn, president; Charles O. Whitman, director; James I. Peck, assistant director; Hermon C. Bumpus, secretary; and D. Blakely Hoar, treasurer. It is hoped that when the books for the year are closed there will be no deficit.

Mrs. Emmons Blaine has given \$250,000 to Chicago University for the establishment of a College for Teachers.

The Hayden geological medal of the Academy of Natural Sciences of Philadelphia was awarded for the year 1898 to Dr. Otto Martin Thorell, director of the Geological Survey of Sweden.

About 200 attended the International Mining Congress at Salt Lake City last July. The meeting was scarcely international except in name. The next congress will be held in Milwaukee in 1899.

Dr. O. Seydel, lecturer on osteology in the University of Amsterdam, well known for his researches on the Organ of Jacobson, has resigned and returned to Germany.

Lionel S. Wigglesworth, having completed his work on the birds of Celebes, has resigned his position as assistant in the zoological museum at Dresden.

Those familiar with the Academy of Natural Sciences of Philadelphia know how deeply it is indebted to the late Joseph Jeanes and his brother. His sister, Miss Anna T. Jeanes, has recently given the academy \$20,000, the income to be used for museum purposes.

The following appointments have been announced: Dr. Cleveland Abbe, Jr., professor of geology in Western Maryland College. — N. Andrussow, professor extraordinarius of geology and paleontology in the University of Dorpat. — Dr. F. J. Becker, of Prag, professor of mineralogy in the University of Vienna. — Dr. Johannes Behrens, extraordinary professor of botany in the technical school at Karlsruhe. — Dr. Max Blanckenhorn, of Erlangen, assistant on the Geological Survey of Egypt. — Dr. Böhmig, professor extraordinarius of zoology in the University of Gratz. — Herbert Bolton, of Manchester, curator of the museum at Bristol, England. — Dr. A. Bühler, privat-docent for anatomy in the University of Würzburg. — Prof. Ladislaus

Celakowsky, director of the newly established botanical gardens of the Bohemian University of Prag. — H. C. Chadwick, curator of the biological station at Port Erin, Isle of Man. — Miss Agnes M. Claypole, assistant in histology and comparative anatomy in Cornell University. — E. G. Coghill, assistant in biology in the University of New Mexico. — Dr. Carl Isidon Cori, professor extraordinary of zoology in the German University of Prag, and director of the zoological station at Trieste. — Dr. Friedrich Dahl, assistant in the zoological museum in Berlin. — R. A. Daly, instructor in physiology in Harvard University. — M. Demoussy, assistant in vegetable physiology in the museum of natural history of Paris. — Paul A. Genty, director of the botanical gardens of Dijon, France. — Miss Gertrude Halley, demonstrator of anatomy in the University of Melbourne. — Dr. R. A. Harper, professor of botany in the University of Wisconsin. — Mr. J. H. Holland, curator of the botanic gardens at Old Calabar. — Dr. Z. Kamerling, assistant in botany in Munich. — Dr. Georg Karsten, professor extraordinarius of botany in the University of Kiel. — Dr. Georg Klebs, of Basel, professor of botany in the University of Halle. — Gregorius A. Kogevnikoff, privat-docent for zoology in the University of Moscow. — Dr. Fr. Kopsch, privat-docent for anatomy in the University of Berlin. — Dr. Kriechbaumer, curator of the zoological collections at Munich. — Dr. P. Kuckuck, custodian of the botanical collections of the Biological Institute of Heligoland. — Dr. Willy Kückenthal, of Jena, professor of zoology in the University of Breslau as successor to Carl Chun. — Dr. W. Kulczycki, privat-docent for zoology in the University of Lemburg. — Prof. E. Ray Lankester, of Oxford, director of the British Museum (Natural History), South Kensington. — A. Lawrski, privat-docent in mineralogy in the University of Kazan. — F. S. Maltby, assistant in bacteriology in the University of New Mexico. — Dr. Heinrich Monke, of Breslau, collaborator in the geological office in Berlin. — Dr. C. C. O'Harra, professor of geology and mineralogy in the South Dakota School of Mines. — N. Th. Pogrebow, secretary and librarian of the geological committee of St. Petersburg. — Georges Pruvot, of Grenoble, chief of the department of practical and applied zoology in the University of Paris. — Prof. Alfred Elias Törnebohm, director of the Swedish Geological Survey. — Dr. Ernst Vanhöffen, assistant in the zoological institute at Kiel. — A. Vayssiere, professor of agricultural zoology in the faculty of sciences at Marseilles, France. — John Vinezielt, assistant professor of biology and director of the bacteriological laboratory in the University of New Mexico. — Dr.

Benno Wandolleck, assistant in the zoological museum in Dresden. — Dr. A. Zalewski, privat-docent for botany in the University of Lemberg.

We regret to announce the following deaths: August Assmann, student of Lepidoptera, at Breslau. — E. B. Aveling, assistant in physiology in the University of Cambridge, aged 47. — Dr. Victor Becker, anthropologist, at Oudenbosch, Holland, February 10. — Dr. Eduard Albert Bielz, in Hermanstadt, Germany, May 26, aged 72 years.<sup>2</sup> — Dr. Paul Brocchi, zoologist, at Paris. — Dr. Ernest Candéze, student of the Coleoptera, in Glain, Belgium, June 30. — Ferdinand Julius Cohn, professor of botany in the University of Breslau since 1859, June 25, aged 70 years. — J. Gallois, entomologist, at Déville les Rouen, France. — Dr. Carlo Giacomini, professor of anatomy in the University of Turin, July 5. — Samuel Gordon, zoologist at Dublin, April 29, aged 82. — Mariano de la Paz Graells, entomologist and professor of comparative anatomy in the University of Madrid, February 13, aged 80. — Rev. Walter Gregor, zoologist, near Aberdeen, Scotland. — Dr. Gümbel, geologist, at Munich, June 18, aged 75. — James I'Anson, mineralogist, at Darlington, England, March 30, aged 53. — Joseph Jemiller, student of Hymenoptera, in Munich. — Anton Kerner, professor of botany in the University of Vienna. — Prof. Leopold Krug, botanist, near Berlin, April 5, aged 63. — Dr. Johan Lange, botanist, and formerly director of the botanical gardens at Copenhagen, April 3, aged 80.

Doubtless some of our readers will be interested to learn from our advertising pages that extras of many of the papers of the late Professor Cope have been placed on sale. No one has done so much work and such good work upon the American vertebrates, living and fossil, as he; and his papers are absolutely necessary for the student of these forms.